

Converting Colors

XYZ(28.4235, 15.1313, 28.6217)

Have a look what the booklet for
XYZ(28.4235, 15.1313, 28.6217)
contains.

| | |
|--|----|
| XYZ(28.4195, 15.1285, 28.6163) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(28.4195, 15.1285,
28.6163)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C32792 |
| RGB | 195, 39, 146 |
| RGB Percent | 76%, 15%, 57% |
| CMY | 0.2353, 0.8470, 0.4275 |
| CMYK | 0.00, 0.80, 0.25, 0.24 |
| HSL | 319°, 67%, 46% |
| HSV | 319°, 80%, 76% |
| XYZ | 28.4195, 15.1285, 28.6163 |
| YIQ | 97.8420, 58.6290, 66.3490 |

Conversions

Conversions Part 2

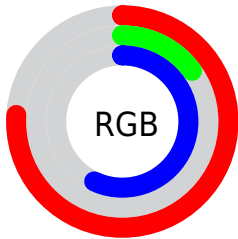
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 195, 39, 146 |
| Decimal | 12789650 |
| CIE _{Lab} | 45.81, 67.92, -21.54 |
| CIE _{LCh} | 46, 71.259, 342.405 |
| Yxy | 15.1285, 0.3938, 0.2096 |
| Android (android.graphics.Color) | 4290979730 (0xFFC32792) |
| YUV | 97.8420, 23.7419, 85.2076 |
| Hunter-Lab | 38.8954, 62.3569, -16.3944 |

Details

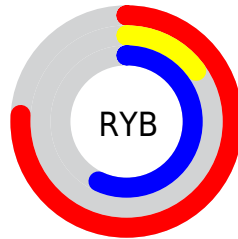
The XYZ color **28.4195, 15.1285, 28.6163** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **22.1143, 40.1667, 15.8226**, and the grayscale version is **11.5044, 12.1035, 13.1808**.

A 20% lighter version of the original color is **56.5156, 35.1306, 58.4458**, and **12.3821, 6.1446, 11.3599** is the 20% darker color. If you saturate the color by 10%, you get **27.4718, 13.9752, 26.0121**, and if you desaturate by 10%, it is **29.7225, 16.9513, 31.4651**.

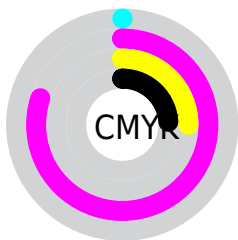
Distribution



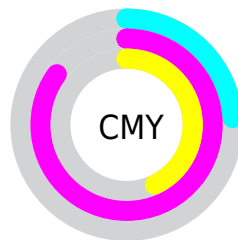
- Red (76%)
- Green (15%)
- Blue (57%)



- Red (76%)
- Yellow (15%)
- Blue (57%)



- Cyan (0%)
- Magenta (80%)
- Yellow (25%)
- Black (24%)





- Cyan (24%)
- Magenta (85%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4195, 15.1285, 28.6163 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 28.4195, 15.1285, 28.6163 by changing the saturation by 10% instead.

 28.4195, 15.1285,
28.6163


 28.4195, 15.1285,
28.6163


286.5099,
224.1427, 309.4043


 18.7842, 8.9096,
18.5477

 56.5575, 35.0784,
58.5018


 11.6175, 4.6823,
11.1704


 75.7908, 49.5783,
79.1557


 6.5541, 2.0621,
6.0660


 98.9543, 67.6073,
104.1752

 3.2287, 0.6432,
2.8158

 126.4131, 89.5498,
133.9787

 1.2758, 0.0000,
1.0014

 158.5328,
115.7902, 168.9849

 0.1650, 0.0000,
0.0000

 195.6786,

 0.0000, 0.0000,

146.7128, 209.6122

0.0000

238.2158,
182.7022, 256.2791

■ 28.4195, 15.1285,
28.6163

■ 28.4195, 15.1285,
28.6163

■ 27.4718, 13.9752,
26.0121

■ 29.7225, 16.9513,
31.4651

■ 26.7915, 13.3166,
23.6210

■ 31.4242, 19.5299,
34.5746

■ 26.7911, 13.3163,
23.6196

■ 33.5628, 22.9404,
37.9596

■ 36.1718, 27.2489,
41.6328

■ 39.2809, 32.5146,
45.6062

■ 42.9178, 38.7918,
49.8907

■ 47.1077, 46.1307,
54.4963

■ 51.8744, 54.5782,
59.4327

■ 57.2400, 64.1781,
64.7090

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



23.6476, 15.1285, 54.9015



28.4195, 15.1285, 28.6163



28.8476, 15.1285, 10.3449

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.4195, 15.1285, 28.6163



12.0404, 15.1285, 0.6563



7.4315, 15.1285, 50.3140

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



28.4195, 15.1285, 28.6163



22.1143, 40.1667, 15.8226

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5.7980, 15.1285, 24.6390



28.4195, 15.1285, 28.6163



7.9175, 15.1285, 2.1373

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.4195, 15.1285, 28.6163



18.1566, 15.1285, 0.7731



5.9468, 15.1285, 8.3666



11.1658, 15.1285, 72.3113

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.4195, 15.1285, 28.6163



26.4857, 15.1285, 4.3519



5.9468, 15.1285, 8.3666



6.6721, 15.1285, 41.2834

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



28.4200, 15.1293, 28.6166



73.8951, 64.3254, 85.9254



14.3964, 7.3613, 52.2920



15.6734, 13.2100, 18.2117



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.4200, 15.1293, 28.6166



48.2859, 24.1461, 43.3566



24.3438, 13.4988, 7.1516



10.3583, 10.1919, 11.9772



17.4521, 8.6706, 15.5586



0.7840, 0.3866, 0.8301

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



28.4200, 15.1293, 28.6166



48.2859, 24.1461, 43.3566



27.0353, 42.1351, 41.7366



10.3583, 10.1919, 11.9772



17.4521, 8.6706, 15.5586



0.7840, 0.3866, 0.8301

Previews

White Background



This preview shows how the XYZ color 28.4195, 15.1285, 28.6163 looks on a white background.

Color Contrast Check

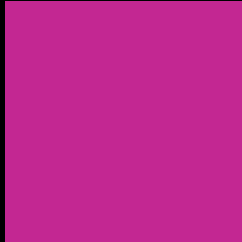
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 28.4195, 15.1285, 28.6163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

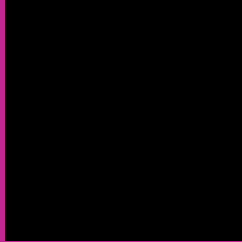
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.4195, 15.1285, 28.6163

Background



This preview shows how black text looks on a background with the XYZ color 28.4195, 15.1285, 28.6163.



This preview shows how white text looks on a background with the XYZ color 28.4195, 15.1285,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

28.4195, 15.1285, 28.6163

Protanopia

17.5825, 15.7049, 54.9280

Deuteranopia

15.7169, 15.3857, 25.8083



Tritanopia

24.0400, 15.1574, 7.4530

Trichromacy



Original Color

28.4195, 15.1285, 28.6163



Protanomaly

17.8632, 12.7596, 43.6408



Deuteranomaly

18.2322, 13.3313, 26.4232



Tritanomaly

25.1046, 14.7866, 13.0862

Monochromacy



Original Color

28.4195, 15.1285, 28.6163



Achromatopsia

11.6093, 12.2139, 13.3009



Achromatomaly

15.4213, 11.5321, 17.6328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4195, 15.1285, 28.6163 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(195, 39, 146)` looks like.

```
.text, #text, p{  
    color:rgb(195, 39, 146)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(195, 39, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 39, 146) }
```

Border

The CSS property to change the border of an element to XYZ 28.4195, 15.1285, 28.6163 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 39, 146) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(195, 39, 146) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(195, 39, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 39, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 39, 146);  
box-shadow:4px 4px 4px 4px rgb(195, 39,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4195, 15.1285, 28.6163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 39, 146) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(195, 39,  
146) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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